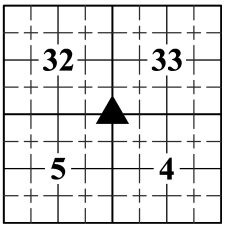
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: **Jackson_A09**

Section Corner

Sections 4 & 5 - T06N - R03W, 2nd P.M.

Jackson Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with an orange plastic cap stamped "OSER IN PS# 21100022" set 1" above grade to replace a bent 5/8" rebar found on the edge of an old road bed. A u-post with a "Trespassers Prosecuted" sign was reset on the south side of the rebar and a Greene County Survey Marker was attached below the existing sign.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the dam on the east side of the house at 9754 E Summitt Lane, follow an old road bed southeast for approximately 1000 feet to the corner. The rebar is on the west edge of the old road bed and 8.5 feet west of a fence corner with fence to the north and east.

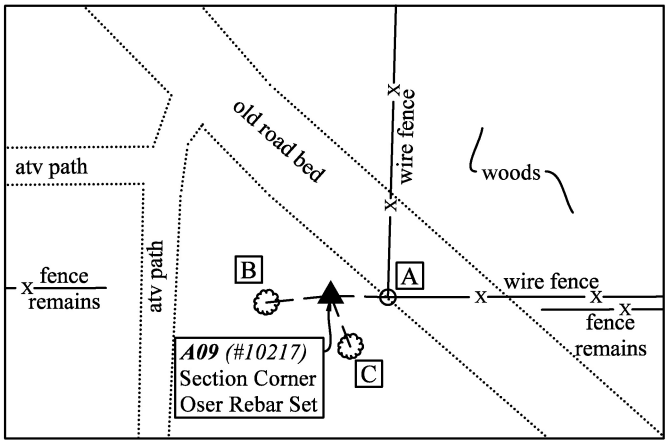
GEODETIC COORDINATES: (OSM #10217)

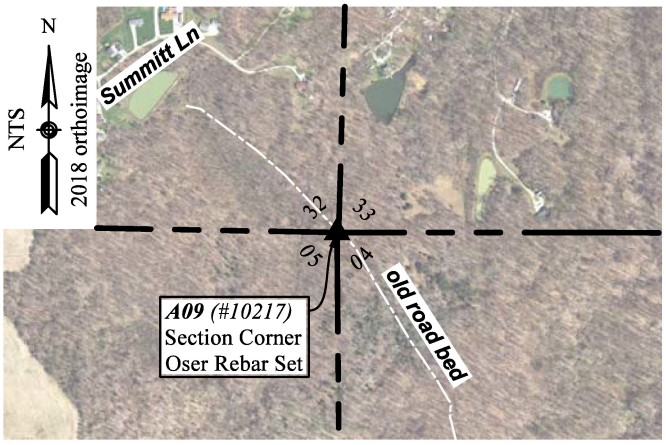
Northing	Easting	Datum
316196.19	884911.13	InGCS Greene Zone, US Survey Feet
1364206.85	3045519.04	NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	S 88.5° E	8.9'	2" mag nail and 1-1/2" orange plastic disc set 3" above grade on the south side of a 7" wood post in concrete with fence to the north and east
B	S 84° W	10.1'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 3" above grade on the north side of a 6" dbh maple
C	S 21° E	8.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the northeast side of a 9" dbh white oak

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.





CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

When the original government land surveyors ran the line north between Sections 4 & 5, they intersected the north boundary 24.42 feet east of the post corner of Sections 32 & 33-T7N-R3W and set a post for the corner of Sections 4 & 5. In 1878, Greene County Surveyor W. Clogston set a stone at this corner. No trace of the stone or its accessories was found. In 1991, Elliott Surgeon set an iron pin at the intersection of fences to the north, east, and west for the corner of Sections 32 & 33. In 1998, Ben Bledsoe set a capped rebar 8.74 feet west of Sturgeon's rebar for the corner of Sections

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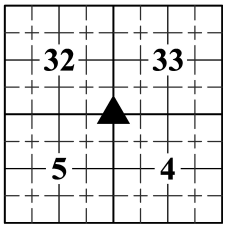

4 & 5. Bledsoe established this corner by extending the line from the stone at the Southwest corner of Section 4 (E09) through the stone at the N1/16 corner (B09) to where it intersected with the south line of Section 32-T7N-R3W. He held a Sturgeon rebar (not found this survey) at Z09 and a railroad tie post at Z06 to establish the south line of Section 32. This method resulted in the corner common to Sections 4 & 5 falling *west* of the corner common to Sections 32 & 33. Bledsoe was aware of the record falling from the original survey notes, but felt that the stones to the south were the best evidence of the section line common to Sections 4 & 5. We agree with his decision, and note that the distance from A09 thus established to the stone found at A10 is within 2.3 feet of the record distance from Clogston's 1878 survey. Both Bledsoe's and Sturgeon's monuments have consistently been accepted on subsequent surveys.

There is a new fence post in concrete near the corner of Sections 32 & 33 with a large pile of stones on the south side of the post. We removed the stones and dug out around the post, but did not find Sturgeon's iron pin.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811-1812 By: Arthur Henrie

Where filed or recorded: F_EV03P351

Original monument: Wooden Post set 37 links (24.42 feet) east of the post corner of Section 32 & 33

Bearing Trees or Witness Ties:	Bearing	Distance
12" Beech	S 68°W	17.8'
4" Dogwood	S 19°E	7.3'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 3/5/1878 By: W.W.Clogston, GCS

Where filed or recorded: Legal Survey Book 3, page 66

Monument: Re-Est Stone

Bearing Trees or Witness Ties:	Bearing	Distance
36" White Oak	S 74.75° W	49.5'
24" Hickory	N 53°W	20.5'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
5/3/1849	Cressy, F.B.	Legal Survey in Section 4	LSB 1, pg 216
3/5/1878	Clogston, W.W.	Legal Survey in Section 4 *(Re-Established corner – set stone)*	LSB 3, pg 66
4/1/1991	Sturgeon, Elliott	Survey in Sections 32 & 33 *(Origin of iron pin at Z09)*	GCSO
9/15/1994	Graham, Raymond	Survey of 1.72 acres in Section 33	1997-0576
8/25/1998	Bledsoe, Ben E.	Survey in Sections 31 & 32-T7N-R3W, Sections 5, 6, 7 & 8-T6N-R3W and Sections 1, 2 & 11-T6N-R4W ***(origin of BTR rebar at A09)***	1999-2170
9/1/1998	Bledsoe, Ben E.	Survey of 1508.87 acres in Section 32-T7N-R3W and Sections 5, 6, 7 & 8-T6N-R3W	GCSO
7/2/2002	Graham, Charles D.	Survey in Section 33	2002-4751
5/9/2007	James, Marty J.	Survey in Section 33	2007-4003

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: 33.4 feet due to the difference between the record falling (on the east side of Z09) and the measured falling (on the west side of Z09).
- Inconsistencies in the lines of Occupation: 2 feet based on east/west fence remains found south of the current fence.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

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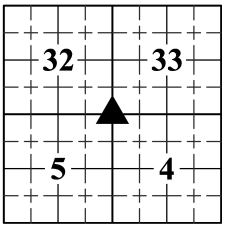

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.

Photo Orientation & Description: Oser rebar at A09

Photo Orientation & Description: Oser rebar in rock pile

Photo Orientation & Description: Looking south at A09

Photo Orientation & Description: Looking east at A09 with the wooden post near Z09 visible in the background

FIELD PERSONNEL:

Field Date: 2/13/2022 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226B Corner Perpetuation Survey for Jackson Township Sections 03, 04, 09 & 10, Township 6 North, Range 3 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

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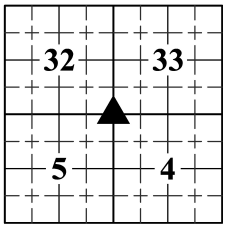

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Rachel Oser Date: 2/25/2022

This document is not complete without the associated plat and report of even date.